

**Amendments To The Specification**

Please amend the specification at follows:

Page 3, between lines 22 and 23, please insert the following paragraph:

The present invention also provides a ceramic heater comprising a ceramic substrate and a resistance heating body formed on a surface thereof, wherein the resistance heating body is formed on a face of the ceramic substrate opposite to a heating face thereof, and a surface roughness of the resistance heating body is within a range of 0.05  $\mu\text{m}$  - 100  $\mu\text{m}$  as  $R_{\text{max}}$  and not more than 15% of an average thickness of the resistance heating body.